

REPLACEMENT CLAIMS

Please amend Claim 2 as follows:

A¹ 2. A method as claimed in Claim 1 wherein the substrate surface has one of a depression or channel adapted to receive the dry powder formulation. B

Please amend Claim 4 as follows:

A² 4. A method as claimed in Claim 1 wherein the volume ratio of photo-luminescent pigment to carrier/fixer in the dry powder formulation is such that the fused material exhibits substantially the same strength and durability properties of the carrier/fixer while still exhibiting the photo-luminescent properties of the pigment. SUB B₂

~~*Please amend Claim 5 as follows:*~~

A² 5. A method as claimed in Claim 4 wherein the volume ratio is substantially in the range of 1% to 35% of photo-luminescent pigment to carrier/fixer.

~~*Please amend Claim 6 as follows:*~~

6. A method as claimed in Claim 1 wherein the dry powered formulation is heated to a temperature recommended by the manufacturer of the carrier/fixer until the formulation is molten.

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Please amend Claim 8 as follows:

A³ 8. A method as claimed in Claim 6 wherein the formulation is heated for approximately 10 to 20 minutes.

~~*Please amend Claim 9 as follows:*~~

9. A method as claimed in Claim 1 wherein after heating the formulation is cooled.

~~*Please amend Claim 10 as follows:*~~

10. A method as claimed in Claim 1 wherein the carrier/fixer is a heat curable polymer.

~~*Please amend Claim 11 as follows:*~~

11. A method as claimed in Claim 1 wherein the dry powder formulation includes small quantities of additives to ensure a smooth surface finish.

~~*Please amend Claim 12 as follows:*~~

12. A method as claimed in Claim 1 wherein the substrate is one of stamped, extruded and milled metal.

~~*Please amend Claim 13 as follows:*~~

13. An apparatus for applying photo-luminescent pigment to a substrate having a surface, said apparatus including:

a hopper adapted to contain a dry powder formulation, said hopper having at least one orifice adapted to allow transfer of

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5 the dry powder formulation from the hopper to a substrate
surface; and

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10 a guide rail system for locating the substrate surface in
both a fixed horizontal plane and a fixed vertical plane below
the hopper and orifice; and a heat-curing system for providing
enough heat to turn the dry powder formulation into a molten
mixture.

~~Please amend Claim 14 as follows:~~

~~14. An apparatus as claimed in Claim 13 which also includes
a cooling system to cool the molten mixture.~~

~~Please amend Claim 15 as follows:~~

~~15. An apparatus as claimed in Claim 13 which includes a
drive system to move the substrate through the apparatus.~~

~~Please amend Claim 16 as follows:~~

~~16. An apparatus as claimed in Claim 13 which includes a
support roller is mounted directly beneath said orifice and said
hopper to support the substrate.~~

~~Please amend Claim 17 as follows:~~

~~17. An apparatus as claimed in Claim 13 which includes an
adjustable mounting bracket adapted to enable the hopper to be
located in the correct position so that said orifice aligns with
the substrate.~~

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~~Please amend Claim 18 as follows:~~

508 B₅ 18. An apparatus as claimed in Claim 13 wherein said orifice is adapted to communicate snugly with the substrate surface such that the dry powder formulation is deposited substantially only where required.

~~Please amend Claim 19 as follows:~~

3 A 19. An apparatus as claimed in Claim 13 which includes a mechanism for tapping the hopper so that any voids in the dry powder formulation are re-filled.

~~Please delete Claim 20 without prejudice.~~

~~Please amend Claim 21 as follows:~~

4 A 21. An apparatus as claimed in Claim 13 wherein the heat-curing system is an oven.

~~Please amend Claim 22 as follows:~~

22. An apparatus as claimed in Claim 13 wherein the heat-curing system is a continuous oven process.

~~Please amend Claim 23 as follows:~~

508 B₆ 23. An apparatus as claimed in Claim 21 wherein the oven includes infra-red heating elements.

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Please amend Claim 24 as follows:

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24. An apparatus as claimed in Claim 13 which includes an automatic loading means and automatic unloading means at each respective end of said guide rail system.

Please delete Claims 25 and 26 without prejudice.

Please amend Claim 27 as follows:

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27. A substrate bearing photo luminescent material when prepared using a method according to Claim 1.

~~*Please amend Claim 28 as follows:*~~

28. A substrate bearing photo luminescent material when prepared using an apparatus according to Claim 13.

~~*Please amend Claim 29 as follows:*~~

29. A step nosing bearing photo luminescent material prepared using a method according to Claim 1.

~~*Please amend Claim 30 as follows:*~~

30. A step nosing bearing photo luminescent material prepared using an apparatus according to Claim 13.

~~*Please amend Claim 31 as follows:*~~

31. A handrail bearing photo luminescent material prepared using a method according to Claim 1.

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~~Please amend Claim 32 as follows:~~

32. A handrail bearing photo luminescent material prepared
using an apparatus according to Claim 13.
